



PCT09

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RAW SEQUENCE LISTING

DATE: 03/05/2002

PATENT APPLICATION: US/09/807,576

TIME: 13:39:13

Input Set : A:\USSN09807576.txt

Output Set: N:\CRF3\03052002\I807576.raw

3 <110> APPLICANT: ARIAD Gene Therapeutics, Inc.

5 <120> TITLE OF INVENTION: Materials and Methods Involving Conditional Aggregation

Domains

7 <130> FILE REFERENCE: ARIAD 384A PCT/US

9 <140> CURRENT APPLICATION NUMBER: US 09/807,576

10 <141> CURRENT FILING DATE: 2001-04-13

12 <160> NUMBER OF SEQ ID NOS: 22

14 <170> SOFTWARE: PatentIn version 3.0

16 <210> SEQ ID NO: 1

17 <211> LENGTH: 7

18 <212> TYPE: PRT

19 <213> ORGANISM: Simian virus 40

21 <220> FEATURE:

22 <221> NAME/KEY: DOMAIN

23 <222> LOCATION: (1)..(7)

24 <223> OTHER INFORMATION: SV40 Large T nuclear localization domain

27 <400> SEQUENCE: 1

29 Pro Lys Lys Lys Arg Lys Val

30 1 5

32 <210> SEQ ID NO: 2

33 <211> LENGTH: 14

34 <212> TYPE: PRT

35 <213> ORGANISM: homo sapiens

37 <220> FEATURE:

38 <221> NAME/KEY: DOMAIN

39 <222> LOCATION: (1)..(14)

40 <223> OTHER INFORMATION: lipid targeting motif

43 <400> SEQUENCE: 2

45 Met Gly Ser Ser Lys Ser Lys Pro Lys Asp Pro Ser Gln Arg

46 1 5 10

48 <210> SEQ ID NO: 3

49 <211> LENGTH: 40

50 <212> TYPE: DNA

51 <213> ORGANISM: Artificial Sequence

53 <220> FEATURE:

54 <221> NAME/KEY: misc_feature

55 <222> LOCATION: (1)..(40)

56 <223> OTHER INFORMATION: VR65 cloning oligo

59 <400> SEQUENCE: 3

60 tcccgcacct cttcggccag cgaattccag aagcgcgtat

40

63 <210> SEQ ID NO: 4

64 <211> LENGTH: 32

65 <212> TYPE: DNA

66 <213> ORGANISM: Artificial Sequence

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68 <220> FEATURE:
69 <221> NAME/KEY: misc_feature
70 <222> LOCATION: (1)..(32)
71 <223> OTHER INFORMATION: VR119 cloning oligo
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75 gactcactat aggacgcgtt cgagctcgcc cc 32
78 <210> SEQ ID NO: 5
79 <211> LENGTH: 31
80 <212> TYPE: DNA
81 <213> ORGANISM: Artificial Sequence
83 <220> FEATURE:
84 <221> NAME/KEY: misc_feature
85 <222> LOCATION: (1)..(31)
86 <223> OTHER INFORMATION: VR120 cloning oligo
89 <400> SEQUENCE: 5
90 catcattttg gcaaaggatt cactcctcag g 31
93 <210> SEQ ID NO: 6
94 <211> LENGTH: 27
95 <212> TYPE: DNA
96 <213> ORGANISM: Artificial Sequence
98 <220> FEATURE:
99 <221> NAME/KEY: misc_feature
100 <222> LOCATION: (1)..(27)
101 <223> OTHER INFORMATION: VR1 cloning oligo
104 <400> SEQUENCE: 6
105 gatggaaaga aaatggattc ctcccgg 27
108 <210> SEQ ID NO: 7
109 <211> LENGTH: 24
110 <212> TYPE: DNA
111 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
114 <221> NAME/KEY: misc_feature
115 <222> LOCATION: (1)..(24)
116 <223> OTHER INFORMATION: VR2 cloning oligo
119 <400> SEQUENCE: 7
120 tctagagtga gcaagggcga ggag 24
123 <210> SEQ ID NO: 8
124 <211> LENGTH: 37
125 <212> TYPE: DNA
126 <213> ORGANISM: Artificial Sequence
128 <220> FEATURE:
129 <221> NAME/KEY: misc_feature
130 <222> LOCATION: (1)..(37)
131 <223> OTHER INFORMATION: VR3 cloning oligo
134 <400> SEQUENCE: 8
135 ggatccttat taactagtct tgtacagctc gtccatg 37
138 <210> SEQ ID NO: 9
139 <211> LENGTH: 25
140 <212> TYPE: DNA

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143 <220> FEATURE:
144 <221> NAME/KEY: misc_feature
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146 <223> OTHER INFORMATION: VR109 cloning oligo
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150 aagcttacca ctcaggggtcc tgtgg                25
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154 <211> LENGTH: 19
155 <212> TYPE: DNA
156 <213> ORGANISM: Artificial Sequence
158 <220> FEATURE:
159 <221> NAME/KEY: misc_feature
160 <222> LOCATION: (1)..(19)
161 <223> OTHER INFORMATION: VR110 cloning oligo
164 <400> SEQUENCE: 10
165 gaattcgtgg caacttcca                19
168 <210> SEQ ID NO: 11
169 <211> LENGTH: 29
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171 <213> ORGANISM: Artificial Sequence
173 <220> FEATURE:
174 <221> NAME/KEY: misc_feature
175 <222> LOCATION: (1)..(29)
176 <223> OTHER INFORMATION: VR185 cloning oligo
179 <400> SEQUENCE: 11
180 cacaggaccc tgaattctaa gcttgtggc                29
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184 <211> LENGTH: 30
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188 <220> FEATURE:
189 <221> NAME/KEY: misc_feature
190 <222> LOCATION: (1)..(30)
191 <223> OTHER INFORMATION: VR186 cloning oligo
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195 ataagggaat ggttctagag gcactgccct                30
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201 <213> ORGANISM: Artificial Sequence
203 <220> FEATURE:
204 <221> NAME/KEY: misc_feature
205 <222> LOCATION: (1)..(31)
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210 atgccacccg ggactagtga agccacagct g                31
213 <210> SEQ ID NO: 14
214 <211> LENGTH: 48

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215 <212> TYPE: DNA
216 <213> ORGANISM: Artificial Sequence
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219 <221> NAME/KEY: misc_feature
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228 <210> SEQ ID NO: 15
229 <211> LENGTH: 31
230 <212> TYPE: DNA
231 <213> ORGANISM: Artificial Sequence
233 <220> FEATURE:
234 <221> NAME/KEY: misc_feature
235 <222> LOCATION: (1)..(31)
236 <223> OTHER INFORMATION: VR5 cloning oligo
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246 <213> ORGANISM: Artificial Sequence
248 <220> FEATURE:
249 <221> NAME/KEY: misc_feature
250 <222> LOCATION: (1)..(32)
251 <223> OTHER INFORMATION: VR 220 cloning oligo
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258 <210> SEQ ID NO: 17
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261 <213> ORGANISM: Artificial Sequence
263 <220> FEATURE:
264 <221> NAME/KEY: misc_feature
265 <222> LOCATION: (1)..(31)
266 <223> OTHER INFORMATION: VR221 cloning oligo
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270 cggatccgca ggcgtgcgtct agttgcagta g      31
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274 <211> LENGTH: 52
275 <212> TYPE: DNA
276 <213> ORGANISM: Artificial Sequence
278 <220> FEATURE:
279 <221> NAME/KEY: misc_feature
280 <222> LOCATION: (1)..(52)
281 <223> OTHER INFORMATION: VR222 cloning oligo
284 <400> SEQUENCE: 18
285 cactagtgtc agaaaccgtc agaagagatt tgtgaaccaa cacctgtgcg gc      52
288 <210> SEQ ID NO: 19

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293 <220> FEATURE:
294 <221> NAME/KEY: misc_feature
295 <222> LOCATION: (1)..(27)
296 <223> OTHER INFORMATION: VR223
299 <400> SEQUENCE: 19
300 cctgtgcggc tcagacctgg tggaagc 27
303 <210> SEQ ID NO: 20
304 <211> LENGTH: 35
305 <212> TYPE: DNA
306 <213> ORGANISM: Artificial Sequence
308 <220> FEATURE:
309 <221> NAME/KEY: misc_feature
310 <222> LOCATION: (1)..(35)
311 <223> OTHER INFORMATION: VR224 cloning oligo
314 <400> SEQUENCE: 20
315 cttctacaca cccaggacca agcgggaggc agagg 35
318 <210> SEQ ID NO: 21
319 <211> LENGTH: 29
320 <212> TYPE: DNA
321 <213> ORGANISM: Artificial Sequence
323 <220> FEATURE:
324 <221> NAME/KEY: misc_feature
325 <222> LOCATION: (1)..(29)
326 <223> OTHER INFORMATION: VR225 cloning oligo
329 <400> SEQUENCE: 21
330 ccctggaggg gtcccggcag aagcgtggc 29
333 <210> SEQ ID NO: 22
334 <211> LENGTH: 30
335 <212> TYPE: DNA
336 <213> ORGANISM: Artificial Sequence
338 <220> FEATURE:
339 <221> NAME/KEY: misc_feature
340 <222> LOCATION: (1)..(30)
341 <223> OTHER INFORMATION: oligo TC-W59V
344 <400> SEQUENCE: 22
345 gtgatccgag gcgtggaaga aggggttgcc 30

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VERIFICATION SUMMARY

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